



## Value pack HOLEX Pro Steel HPC solid carbide roughing end mill, 5 pieces



### Order data

Order number	GG1052 20
GTIN	4045197735751
Item class	GGN

### Description

#### Version:

For **roughing and finishing**.

Up to  $1 \times D$  into solid material **at very high feed rates** with smooth cutting action.

At maximum machining depths, ensure compliance with the ratio dimension  $L_c$  (cutting length) /  $\varnothing$  (nominal size)!

**Same as No. 203052.**

#### Advantage:

Optimised flute form, eccentric relief ground, wide chip space.

### Technical description

Feed $f_z$ for slot milling in steel $< 900 \text{ N/mm}^2$	0.1 mm
Cutting edge $\varnothing D_c$	20 mm
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	0 / -0.03
No. of teeth Z	4
Overall length L	92 mm
Shank $\varnothing D_s$	20 mm

## Data sheet

Corner chamfer width at 45°	0.5 mm
Flute length $L_c$	26 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.13 mm
Direction of infeed	horizontal, oblique and vertical
Helix angle	38 degrees
Contents	5
Series	Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	0.5×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	260 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	240 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	180 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	160 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	80 m/min	M
GG(G)	suitable	250 m/min	K

Uni	suitable
wet maximum	suitable
wet minimum	suitable only under restricted conditions
dry	suitable
Air	suitable

**Suitable products**

<https://www.hoffmann-group.com/GB/en/hom/p/GG1052-20>